

Human Heart Lysate, Total Protein

Cat. No. Heart-005H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Heart total protein (protein lysate) is isolated from freshly harvested tissues of single healthy normal donor. Tissues are homogenized in protein lysis buffer supplemented with a cocktail of 6 mammalian protease inhibitors to minimize proteolysis, precisely quantified.
Species	Human
Source	Heart
Applications	Total protein is ready for immediate use in Western blotting, immunoprecipitation, SDS-PAGE, isoelectric focusing gels and SDS-capillary electrophoresis, enzymatic activity analysis, gel shifting assay, protein-protein interaction, and tissue specific expression. Protein can also be provided in denatured SDS Sample buffer for only Western blotting use.
Quality Control Test	Quality of protein as indicated by the absence of smear (no degradation) and sharpness and resolution of the protein bands is verified by denatured SDS-PAGE using Coomassie blue staining. The integrity of protein is tested by immunoblotting using specific beta-actin antibody.
Stability	Dry ice
Storage	Stored at -80 centigrade.
Concentration	5 mg/mL

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